ABSTRACT

A network management system for detecting and remedying malfunctions in network devices and methods for manufacturing and using same. The network management system can receive status signals from a network system having one or more network devices. The status

5   signals provide information, such as an operational status and/or current performance data, for at least one preselected network device. Upon analyzing the status signals, the network management system can determine whether the preselected network device has malfunctioned and identify appropriate corrective action for remedying the malfunction. The network management system likewise can generate a control signal, which includes appropriate corrective

10   action, and can provide the control signal to the preselected network device via the network system. The preselected network device can implement the corrective action in accordance with any implementation instructions included therewith. Thereby, the network management system is configured to detect and remedy malfunctions in the network devices.